

The Editor, World Nuclear News, Carlton House, 22a St. James's Square, London, SW1Y 4JH, UK

Dear Jeremy Gordon,

### **"Nuclear Power in our Holographic Universe"**

I've been a recipient for some years of your news letter. Thank you. I like to follow developments in the nuclear industry, and in the instance of Fukushima, to read a factual account of this troublesome event. I'd also mention that as a young man I explored for uranium in Canada and later worked at Dounreay, all of which made me deeply curious about nuclear power. Being also curious of the spiritual nature of our Universe (and myself), I've come to see that we are far from complete in comprehending the sublime nature of nuclear power.

With all due respect to the detailed knowledge we have of the physics of the atom, there is a metaphysics of this same subject which strongly suggests that we are working in a dimension that is far more social and sentient than our purely physical knowledge and technology is able to determine. The evidence for this interpretation comes either directly from our nuclear work, or indirectly from stepping back and looking at the "larger canvas" on which the totality of our nuclear work can be represented, which I would posit is the "Holographic Universe".

One of the major insights which tipped me into an awareness of the holographic nature of nuclear energy came from my family life, from the slow-dawning realisation that the "four interactive forces", which we know are in every atom, these same four forces (or their domestic equivalent) were (and still are) absolutely present and influential in the relationships between all of us in our blood family.

Here is homework I would commend to you (you the nuclear industry). Of matching our day-to-day experience of the energetic processes that go on in our family lives, with the energetic processes we know typically go on within the atoms. This introspective exercise allows us a good glimpse of the family nature of the atom, and the holographic nature of our Universe, as well as the universal nature of Humanity !

Rather than develop the details of the holographic paradigm right here, I would point you to two web sites I have developed, which seek in turn to describe the hologram or holographic processes going on upstairs from where we are <[www.heavenlyphoton.com](http://www.heavenlyphoton.com)>, or downstairs, in the identical - but smaller- systems that form the atoms in the dimension below and somehow inside of where we are.

I like and trust the knowledge of Modern Astronomy and nuclear physics. And I equally like and trust the information that comes from studying our experience of celestial events and atomic phenomena, which we otherwise only know for their objective characteristics. It is a synthesis of these two ways of looking that I believe we must explore, because it generates a view of the universal nature of the nuclear processes.

I can understand that you (you the "nuclear community") might think it is not your responsibility to consider the universal setting of y/our nuclear work. But no one else will do it. Like it or not, you are seen to have all the authority and knowledge for this particular business. The Church(es), who in my opinion could be much more curious about nuclear energy, have withdrawn from this whole new area of inquiry: or only comment from the high ground.

So that leaves you in charge. This is now your territory. Which is why I advocate the 'holographic paradigm', because it looks at universal events with equal respect for objective and subjective information: which makes clear that physics and spiritual inquiry are talking about one and the same kind of energy.

The holographic paradigm also notes how the same family-based processes are going on at every level of this our shared universal home. That is - in our planetary system, in our human lives, and again in the atoms. Add to this observation of symmetry the fact that we humans are as big to the particles as the Sun is big to us, and we have sight of an orderly three tiered framework in which we can study the subjective behaviour of energy at different scale of magnitude, and observe its' uniformity, its' universality.

All of this then allows us to recognise the social and spiritual nature of the nuclear processes that we initiate in the particle world. For me, it suggests we'd be wise in the first instance to think of the particle world as being another living dimension in our shared Universe. And treat it as such. They are our nearest neighbours. I know this sounds goofy. But we're still on a learning curve, needing to see our nuclear work in a universal setting, rather than as a mere adjunct to our human existence. Then it becomes a subject of interest for just about everyone.

I hope this is enough to have you sit forward with interest. It is not immediately easy. We have a long successful history of scientific inquiry that has brought many benefits to society. The key point to remember is that we are now working in another dimension. This calls for a greater awareness of the other. There's a need to temper the exclusive authority that has gravitated to the scientific method and equally value our experience of the miniature world we have recently entered, and its' indigenous population.

It is these two forms of knowledge which together create the hologram or holographic perception of the particle world. It is the two of them together which flag up the social and sentient nature of the particles, and shows how we are each in each other's stories: and in the same virtual universal building.

We are in fact already immersed in a relationship with the particle world, being as we are affected (for better or worse) by the serious feelings that emanate from it, the stuff we call radiation. This being so, we should get ready to consider the corollary - that we in turn can affect radiation, or the source of it. This is the silver lining of the holographic insight that I think the nuclear industry must begin to look at.

Radiation is the Achilles Heel of our nuclear work. We know how to shield ourselves from its' effects, but it would be more useful in the long term to know what causes these strong painful feelings to emanate endlessly from the fissioned materials. This is the metaphysical content that is so far lacking from our knowledge of the atom. There is a realm of subjective data waiting to be harvested and investigated, just as soon as we become observant of the social dynamics going on in this next-floor world room.

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Regarding the 'social dynamics' within the Atomic World, nuclear fission - in the form of a weapon's test - provides another excellent insight of the 'holographic principle' at work and play.

There is a series of photographs made by the French military (parked on my web site

<[www.holynuclear.com](http://www.holynuclear.com)>) which gives us unbridled sight of the social processes and spiritual forces that are at work in the initial separation and subsequent meeting and then separation again of the energies that are released out of matter.

Look with children's eyes and observe the pantomime marriage and sexual behaviour of the two universal "genies" or "ghosts of energy" that form themselves from the scraps (of energy) that are released out of matter by the fission process.



These two ghosts are typically masculine and feminine in their temperament and powers. They behave together like Romeo and Juliet - the story we like so much because it recounts the founding experience we all have of the instinctive love between masculine and feminine archetypes.

Look with symbolic interest and see how the French military pictures show the same story going on at the atomic level of our Universe. These male and female archetypes, moved by the Electroweak Force (love and lust, amos + eros), immediately seek to be in relationship with each other.

I'm jumping you into a symbolic account of a process we normally only consider for its' destructive effects, or as proof of our physics, or is displayed for military or political purposes.

We've sorted the physics of the atom. It is the metaphysical account of what is a classic universal process that needs our attention. The story on the other side of the nuclear coin. The fact of it being essentially familiar is perhaps the harder notion for us to accept.

Bear in mind that the process we think takes all of twenty seconds, feels like a day or two in the passage of time normal to the particle population.

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If we can come to terms with the greater truth that in manipulating the energetic fabric of matter, we equally disturb something as opaque as the "consciousness of the Universe", a force field that is both personal and universal, I believe this will help us realise the whole living nature of the particle world. Then we are much better placed to decide how to go on from where we now are.

We have sufficient information to redefine and refine our nuclear work. We have the opportunity to look again at the intricate social dynamics amongst the particles, whom we manipulate in order to cause something like civil war in their world which is inside of where we are. Yes, it sounds like Star Wars, which is why we were so drawn to those movies, the first one or two, because they once again reminded us of our universal nature. There's lots of new and ancient realisations on offer. I can't see where exactly it goes. But we'd be foolish to turn away and ignore this whole view.

Dear Nuclear Industry, I hope you will find a way to hear what I am saying. I encourage you to invest in studying the subjective nature of the nuclear processes. It's not easy and it's not that difficult. It does require a collective determination to go along this neglected path. It especially needs women's involvement and their skills and ways of looking and listening.

A colleague says - this approach can't be taught, only caught. I wonder. There is certainly a lot of lateral thinking and feeling to be done. A fair amount of introspection and experiential information to be recognised and then matched to the detailed external picture already painted by the scientific method. It is these two intellectual process, working together, that I think will allow us to respond to the issues that attend our work in this area - the radioactive waste and the weapons. Then we'll surely have the experience and wisdom to move to the next generation of creative work within the Atomic World.

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The holographic insight is as old as the hills. "As above, so below", the ancient phrase keeps it simple. We can acquaint ourselves with its' practical usefulness by simply looking down into the particle world with social interest. See the explicit evidence of the family nature of the atoms. The same relationships, the same processes, the same energetic forces and feelings that we experience and know in our family lives ... are there in every atom. The task that then awaits us - is how to apply this holographic insight to our work with nuclear power.

We are all in this together. There's no going back. It seems to me that we were wrong-footed by events that happened centuries ago, when the need of astronomers to establish the order of the planets ended up with us, the "recipients" of the heavenly forces that form us, moving our observing mind to a position outside of the system we are in. We now look at our planetary system mainly from the outside. We've distanced ourselves from our natural experience of our Universe. In the process, we disabled our intellect from valuing experiential data. Now we use this same method to study the particle world, looking at it from the outside while carefully excluding experiential data. This attitude is changing in many areas of inquiry. It feels like it's the turn of the nuclear business. If the industry can embrace this whole approach and even help it to arrive sensibly, it would surely be to all our advantage.

There feels to be a need to research the emotional nature of radiation, that we have experiential as well as theoretical knowledge of this phenomena. I sense this will help us develop a remedial approach to the painful business of the radioactive wastes. There are skills we have, that we can call upon and refine and discipline, group work in particular, the energy of a group of people, women and men, working collaboratively together. This can provide the leverage and spiritual content to reach down into this next dimension and see if we can indeed effect change down there. Our quest being to heal the atom, now that we know how to split it.

Well, these are my best thoughts on this whole matter of the energy in matter, and in ourselves. I'm quite willing to be shown to be totally "off the wall" and wrong with this whole view. I perspire more that seeing this whole picture, I then do nothing about it because it is so contrary to convention. Anyway, I'll send this along to you first. But I will also circulate this letter elsewhere, because I'd like it to be viewed from many angles.

Okay. Good wishes.  
Yours sincerely

Ian Turnbull  
Findhorn, Scotland.